



2815/11

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 6

Application Number 09/733,474
Filing Date December 8, 2000
First Named Inventor M. Sugawara, et al.
Group Art Unit 2815
Examiner Name J. Nguyen
Attorney Docket Number 9792909-4740

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ENCLOSURES (check all that apply)

- ☒ Transmitted herewith is Amendment "C".
☒ The fee has been calculated as shown below:

(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3)	(4) HIGHEST NO. PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEE
TOTAL CLAIMS	9	-	20	0	<input type="checkbox"/> x \$9.00 <input type="checkbox"/> x \$18.00	\$0
INDEPENDENT CLAIMS	1	-	3	0	<input type="checkbox"/> x \$42.00 <input type="checkbox"/> x \$84.00	\$0
	APPLICATION AMENDED TO CONTAIN ANY MULTIPLE DEPENDENT CLAIMS NOT PREVIOUSLY PAID FOR.			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> x \$140.00 <input type="checkbox"/> x \$280.00 ONE TIME	\$0
	TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0

- ☒ Applicant petitions the Commissioner for Patents to extend the time for responding to the Office Action dated October 8, 2002 by one month(s) for a fee of \$110.00 so that the period for response is extended to February 8, 2003 under 37 C.F.R. § 1.321.
- ☐ The amount of \$_____ for the Terminal Disclaimer under 37 C.F.R. § 1.321 is included in the enclosed check.
- ☐ The amount of \$_____ for the Amendment under 37 C.F.R. § 1.312(b) is included in the enclosed check.
- ☒ The enclosed credit card payment form to charge the amount of \$110.00 covers the extension fee.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment to Account No. 19-3140. A duplicate of this sheet is enclosed.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

14. ☒ Customer No. 26263

Dated: January 15, 2003

David R. Metzger
David R. Metzger, (Registration No. 32,919)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington D.C. 20231 on the date indicated below.

Dated: January 15, 2003

JoEllen Hogan
JoEllen Hogan



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICANT(S): Minoru Sugawara, et al. ATTY DOCKET NO. 09792909-4740
SERIAL NO. 09/733,474 GROUP ART UNIT: 2815
FILING DATE: December 8, 2000 EXAMINER: J. Nguyen
INVENTION: "SEMICONDUCTOR AND FABRICATION METHOD
THEREOF"

AMENDMENT "C"

Commissioner of Patents
Washington, D.C. 20231

S I R:

This amendment is filed in response to the Office Action of October 8, 2002.
Please reconsider the application in view of the amendment and remarks presented
below.

The marked-up version of any amended text or claim appears in the
accompanying Appendix.

IN THE CLAIMS

Please amend the claims as follows:

4. (Amended) A semiconductor device with p-channel and n-channel
field effect devices formed on a common substrate, comprising:
a silicon substrate with p-channel and n-channel field effect regions
corresponding to said p-channel and n-channel field effect devices, respectively,
said n-channel field effect region having a silicon-germanium buffer layer on
said substrate, a silicon-germanium compound relax layer on said buffer layer, and a
silicon epitaxial layer formed on said silicon germanium compound relax layer,
a concentration of germanium in said buffer layer being graduated so that it
increases proceeding from a substrate side of said buffer layer to a relax layer side of
said buffer layer,
a concentration of germanium in said relax layer being substantially the same
as the concentration of germanium at said relax layer side of said buffer layer,

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